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In re: application of: Simar MaangatApplication Number: 10/645,788Filed: August 20, 2003Confirmation Number: 8029Title: TECHNIQUES FOR REDUCING LEAKAGE CURRENT ON-CHIP IMPEDANCE TERMINATION CIRCUITSAtty Docket Number: 015114-067800US SJC/djb

Being faxed to the OIPE at facsimile number 1-703-746-4060 are the following documents:

this PTO/SB/97 Certificate of Transmission (1 page);

PTO/SB/21 Transmittal Form (1 page);

PTO/SB/81 Power of Attorney (1 page); and

PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted, including this page: 4

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Townsend and Townsend and Crew LLP
Telephone -- 650-326-2400
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**TRANSMITTAL
FORM**
(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission	4	Attorney Docket Number	015114-067800US
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ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> PTO/SB/81 Power of Attorney (1pg)	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Certified Copy of Priority Document(s)		
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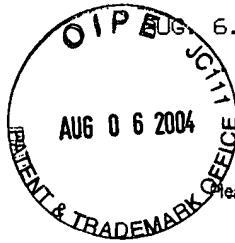
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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	10/645,788
	Filing Date	August 20, 2003
	First Named Inventor	Simar Maangat
	Title	Techniques for Reducing Leakage Current On-Chip Impedance Termination Circuits
	Group Art Unit	2855
	Examiner Name	
Attorney Docket Number	15114-067800US	

I hereby appoint:

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 Applicant/inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

Derek B. Minihane, Esq., Director, Intellectual Property Law and Assistant Secretary

Signature

Date

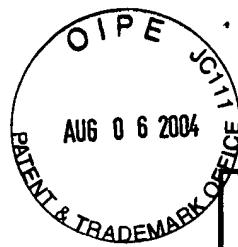
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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

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Attorney Docket No. 015114-067800US
Client Ref. A1078



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Simar Maangat

Application No./Patent No.: 10/645,788 Filed/Issue Date: August 20, 2003

Entitled: Techniques for Reducing Leakage Current in On-Chip Impedance Termination Circuits

Altera Corporation a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014149 Frame 0215, or for which a copy thereof is attached.

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Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/18/03

Date

Signature

Derek E. Minihane

Typed or printed name

Director, Intellectual Property Law
and Assistant Secretary

Title

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